REFERENCES

[1] Abbas Mansoori and Mohammed Reza Bazargan-Lari, "Evalution of turbulent models in sudden expansion analysis at High Reynolds numbers", Proceedings of the 5th IASME / WSEAS International Conference on Fluid Mechanics and Aerodynamics, Athens, Greece, pp. 250-257, 2007.

[2] Asha Crasta, S.A. Khan, "High Incidence Supersonic Similitude for Planar Wedge", International Journal of Engineering Research and Applications, ISSN: 2248-9622, Vol. 2, Issue 5, pp. 468-471, 2012.

[3] Baoyu Guo, Tim A.G. Langrish, David F. Fletcher, "CFD Simulation of Precession in Sudden Pipe Expansion Flows With Low Inlet Swirl", Applied Mathematical Modelling, Elsevier, Vol. 26, pp. 1-15, 2002.

[4] G.C. Layek, C. Midya, S. Mukhopadhyay, "Effects of Suction and Blowing on Flow Separation in a Symmetric Sudden Expanded Channel", Nonlinear Analysis: Modelling and Control, Vol. 13, No. 4, pp. 45-465, 2008.

[5] K.M.Pandey and Virendra Kumar, "CFD Analysis of Four Jet Flow at Mach 1.74 with Fluent Software", International Journal of Chemical Engineering and Applications, ISSN: 2010-0221, Vol. 1, No. 4, pp. 302-308, 2010.

[6] K.M.Pandey Member IJJCET and Virendra Kumar, "CFD Analysis of Twin Jet Flow At Mach 1.74 with Fluent Software", International Journal of Environmental Science and Development, ISSN: 2010-0264, Vol. 1, No. 5, pp. 423-428, 2012.

[7] K.M.Pandey, Jagannath Rajshekharan and Sukanta Roga, "Wall Static Pressure Variation in Sudden Expansion in Flow Through De Laval Nozzles At Mach 1.74 And 2.23 In Circular Ducts Without Cavities: A Fuzzy Logic Approach", International Journal

of Soft Computing and Engineering (IJSCE), ISSN: 2231-2307, Vol. 2, Issue-1, pp. 303-310, 2012.

[8] K.M.Pandey, Member IACSIT and T. Sivasakthivel, "Recent Advances in Scramjet Fuel Injection - A Review", International Journal of Chemical Engineering and Applications, ISSN: 2010-0221, Vol. 1, No. 4, pp. 294-301, 2010.

[9] K.M.Pandey, Member, IACSIT and Amit Kumar, "Studies on Base Pressure in Suddenly Expanded Circular Ducts: a Fuzzy Logic Approach", IACSIT International Journal of Engineering and Technology, ISSN: 1793-8236, Vol. 2, No. 4, pp. 379-386, 2010.

[10] K.M.Pandey, Member, IACSIT and Sushil Kumar, "Flow through Nozzle in Sudden Expansion in Cylindrical Ducts with Area Ratio 2.89 at Mach 2.4: A Fuzzy Logic Approach", International Journal of Innovation, Management and Technology, ISSN: 2010-0248, Vol. 1, No. 3, pp. 305-311, 2010.

[11] K.M.Pandey, Sushil Kumar, Jyoti Prakash Kalita, "Wall Static Pressure Variation in Sudden Expansion in Cylindrical Ducts with Cavities for Supersonic Flow for Mach 1.58 And 2.06: A Fuzzy Logic Approach", International Journal of Soft Computing and Engineering (IJSCE), ISSN: 2231-2307, Vol. 2, Issue-1, pp. 372-378, 2012.

[12] K.Rajaguru Nathan, K. Vijayaraja, S. Elangovan, E. Rathakrishnan, "Effect of Annular Rib Position in Suddenly Expanded Supersonic Flow", Proceedings of the International Conference on Aerospace Science and Technology, Bangalore, India, 2008.

[13] M. Ahmed Ali Baig, Sher Afghan Khan, "A Study on Suddenly Expanded Flow at Different Levels of Over Expansion for Area Ratio 3.24", International Journal of Scientific & Engineering Research, ISSN: 2229-5518, Vol. 3, Issue 8, pp. 1-6, 2012.

[14] M. Ahmed Ali Baig, Sher Afghan Khan, E. Rathakrishnan Khan, "Effect of Mach number in a Suddenly Expanded Flow for Area Ratio 4.84", International Journal of Engineering Research and Applications (IJERA), ISSN: 2248-9622, Vol. 2, Issue 4, pp. 593-599, 2012.

[15] M. Ahmed Ali Baig, S. A. Khan, Ahmed Saleel C and E. Rathakrishnan, "Effect of High Level of over Expansion on Base Pressure in a Suddenly Expanded Duct at Higher Area Ratio".

[16] M. Ahmed Ali Baig, Sher Afghan Khan, Mohammad Yunus Khan, "Effect of Area Ratio on Base Pressure in a Suddenly Expanded Duct for Under Expanded Flow at Mach 1.87".

[17] M. Ahmed Ali Baig, S. A. Khan and E. Rathakrishnan, "Variation of Base Pressure in a Suddenly Expanded axi-symmetric duct at an Overexpansion level of 0.277 for an Area ratio 2.56".

[18] M. Ahmed Ali Baig, S. A. Khan, Shebeer A Rahim and E. Rathakrishnan, "Influence of Microjets on Base Pressure in A Suddenly Expanded Duct for A Highly Over Expanded Flow".

[19] M. Ahmed Ali Baig, Shebeer A Rahim, S.A. Khan, E. Rathakrishnan' "Base Pressure Variation in A Suddenly Expanded Flow for Different Levels of Over Expansion".

[20] M. Ahmed Ali Baig, Sher Afghan Khan & Mohammad Yunus Khan, "Effect of Area Ratio on Base Pressure in a Suddenly Expanded Duct for Under Expanded Flow ft Mach 1.87", International Journal of Mechanical and Industrial Engineering (IJMIE), ISSN: 2231- 6477, Vol. 2, Issue-1.

[21] M. Ahmed Ali Baig, Sher Afghan Khan, and E. Rathakrishnan, “Control of Nozzle Flow in Suddenly Expanded Duct With Micro Jets”, [IJESAT] International Journal of Engineering Science & Advanced Technology, ISSN: 2250–3676, Vol. 2, Issue-4, pp. 789 – 795.

[22] Maughal Ahmed Ali Baig and Sher Afghan Khan, “Studies on Suddenly Expanded Flow at Different Levels of Over Expansion for Area Ratio 3.24”, International Journal of Scientific & Engineering Research, ISSN: 2229-5518, Vol. 3, Issue- 6, pp. 1-6, 2012.

[23] Maughal Ahmed Ali Baig et al., “Active Control of Base Pressure in Suddenly Expanded Flow for Area Ratio 4.84”, International Journal of Engineering Science and Technology (IJEST), ISSN: 0975-5462, Vol. 4, No. 5, pp. 1892-1902, 2012.

[24] Maughal Ahmed Ali Baig, Sher Afghan Khan, E. Rathakrishnan, “Wall Pressure Studies in a Suddenly Expanded Flow for Area Ratio 2.56”, International Journal of Engineering Research and Applications (IJERA), ISSN: 2248-9622, Vol. 2, Issue- 5, pp. 1566-1573, 2012.

[25] Maughal Ahmed Ali Baig, Fahad Al-Mufadi, Sher Afghan Khan and Ethirajan Rathakrishnan, “Control of Base Flows with Micro Jets”, Int. J. Turbo Jet-Engines, Vol. 28, pp. 59–69, 2011.

[26] Maughal Ahmed Ali Baig, Sher Afghan Khan, Ahmed Saleel C and Ethirajan Rathakrishnan, “Control Of Base Flows with Micro Jet for Area Ratio Of 6.25”, ARPN Journal of Engineering and Applied Sciences, ISSN: 1819-6608, Vol. 7, No. 8, pp. 992-1002, 2012.

[27] Maughal Ahmed Ali Baig, Sher Afghan Khan, E. Rathakrishnan, “Base Pressure Studies From Over Expanded Nozzle for Area Ratio 2.56”, International Journal of Current Research and Review, ISSN: 0975-5241, Vol. 4, Issue- 11, pp. 107-113, 2012.

[28] Maughal Ahmed Ali Baig, Sher Afghan Khan, E. Rathakrishnan, “Effect on Base Pressure In Suddenly Expanded Flows With Variable Location of Microjets”, International Journal of Current Research and Review, ISSN: 0975-5241, Vol. 4 issue - 16, pp. 1-8, 2012.

[29] Mohammed Reza Bazargan-Lari and Abbas Mansoori, “CFD based location prediction of Maximum Negative Pressure in pipe sudden expansions”, 5th WSEAS International Conference on FLUID MECHANICS (FLUIDS'08) Acapulco, Mexico, ISSN: 1790-5117, ISBN: 978-960-6766-30-5, pp. 101-105, 2008.

[30] R. Jagannath, N. G. Naresh and K. M. Pandey, “Studies on Pressure Loss in Sudden Expansion in Flow Through Nozzles: A Fuzzy Logic Approach”, ARPN Journal of Engineering and Applied Sciences, ISSN: 1819-6608, Vol. 2, No. 2, pp. 50-61, 2007.

[31] S A Khan, E Rathakrishnan, “Active Control of Base Pressure in Supersonic Regime”, IE(I) Journal-AS, Vol. 87, pp. 1-9, 2006.

[32] S. A. Khan and E. Rathakrishnan, “Control of Suddenly Expanded Flow”, Aircraft Engineering and Aerospace Technology: An International Journal, ISSN: 1748-8842, Vol. 78, No. 4, pp. 293-309, 2006.

[33] Shafiqur Rehman, S.A. Khan, “Control of base pressure with micro-jets : part I”, Aircraft Engineering and Aerospace Technology: An International Journal, ISSN: 1748-8842, 80/2, pp. 158-164, 2008.

[34] Shafiqur Rehman, Farrukh Sayeed, and S. A. Khan, “Optimization of Location of Micro Jets in A Suddenly Expanded Flow”, Proceedings of the 3rd BSME-ASME International Conference on Thermal Engineering, Dhaka, Bangladesh, 2006.

[35] Shafiqur Rehman, Farrukh Sayeed, and , S. A. Khan, “Effect of Level of Over Expansion in A Suddenly Flow”.

[36] Shafiqur Rehman, Farrukh Sayeed, and , S. A. Khan, “Experimental Investigations on Wall Pressure in Suddenly Enlargeed Ducts at Supersonic Mach number Regimes”, International Journal of Emerging trends in Engineering and Development, ISSN: 2249-6149, , Vol. 6, Issue- 2, pp. 496-504, 2012.

[37] Sher Afghan Khan and E. Rathakrishnan, “Active Control of Suddenly Expanded Flows from Overexpanded Nozzles”, International Journal of Turbo and Jet-Engines, 19, pp. 119-126, 2002.

[38] Sher Afghan Khan and E. Rathakrishnan, “Active Control of Suddenly Expanded Flows from underexpanded Nozzles”, 21, pp. 233-253, 2004.

[39] Sher Afghan Khan and E. Rathakrishnan, “Control of Suddenly Expanded Flows from Correctly Expanded Nozzles”, International Journal of Turbo and Jet-Engines, 21, pp. 255-278, 2004.

[40] Sher Afghan Khan and E. Rathakrishnan, “Control of Suddenly Expanded Flows from with Micro-Jets”, International Journal of Turbo and Jet-Engines, 20, pp. 63-81, 2003.

[41] Sher Afghan Khan and E. Rathakrishnan, “Nozzle Expansion Level Effect on Suddenly Expanded Flow”, International Journal of Turbo and Jet-Engines, 23, pp. 233-257, 2006.

[42] Sher Afghan Khan, M. Ahmed Ali Baig and E. Rathakrishnan, “Subsonic Jet Control With Micro Jets”, International Journal of Emerging trends in Engineering and Development, ISSN: 2249-6149, , Vol. 5, Issue- 2, pp. 269-275, 2012.

[43] Tarun Mathhur and J. Craig Dutton, “Base-Bleed Experiments with a Cylindrical Afterbody in Supersonic Flow”, Journal of Spacecraft and Rockets, Vol. 33 No. 1,

pp. 30-37, 1996.

[44] Vikram Roy, Snehamoy Majumder, Dipankar Sanyal, “Analysis of the Turbulent Fluid Flow in an Axi-symmetric Sudden Expansion”, International Journal of Engineering Science and Technology, ISSN: 0975-5462 Vol. 2(6), pp. 1569-1574, 2010.